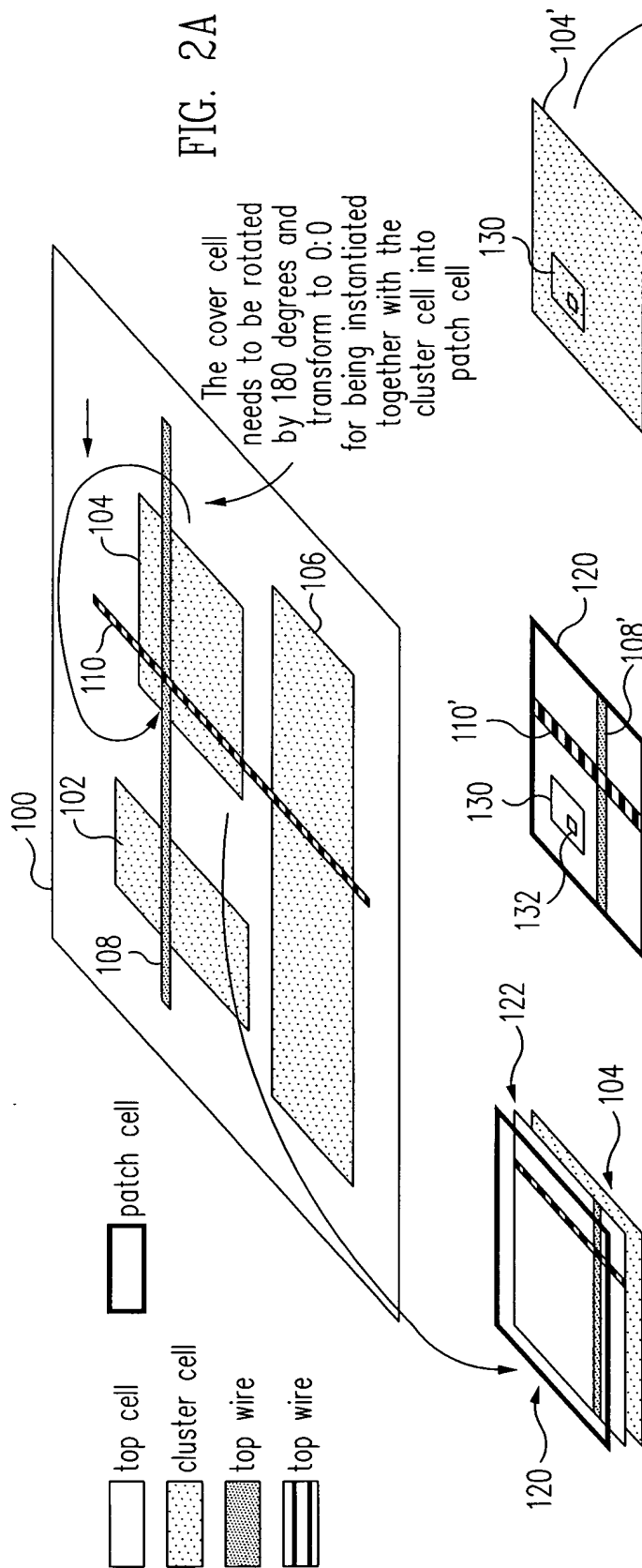


FIG. 1
(PRIOR ART)



Top cover cell is cut and transformed both cover and cluster cells are placed as instances in patch cell

FIG. 2B

Based on the existing metal in the instances, added covering metal and vias in the patch cell

FIG. 2C

Patch cell has been instantiate back to cluster cell. The fix will be seen in the top level through cluster cell

FIG. 2D

